

Supporting Information for "Preparation and properties of polystyrene nanocomposites containing dumbbell-shaped molecular nanoparticles based on polyhedral oligomeric silsesquioxane and [60]fullerene"

Di Han,^a Qing-Yun Guo,^b Wen-Bin Zhang,^b Liu-Xu Liu^a and Qiang Fu^{*a}

^a College of Polymer Science & Engineering, State Key Laboratory of Polymer Materials Engineering, Sichuan University, Chengdu 610065, P. R. China

^b Key Laboratory of Polymer Chemistry & Physics of Ministry of Education, Center for Soft Matter Science and Engineering, College of Chemistry and Molecular Engineering, Peking University, Beijing 100871, P. R. China

1. ¹³C NMR of BPOSS-MAL and POSS-C60

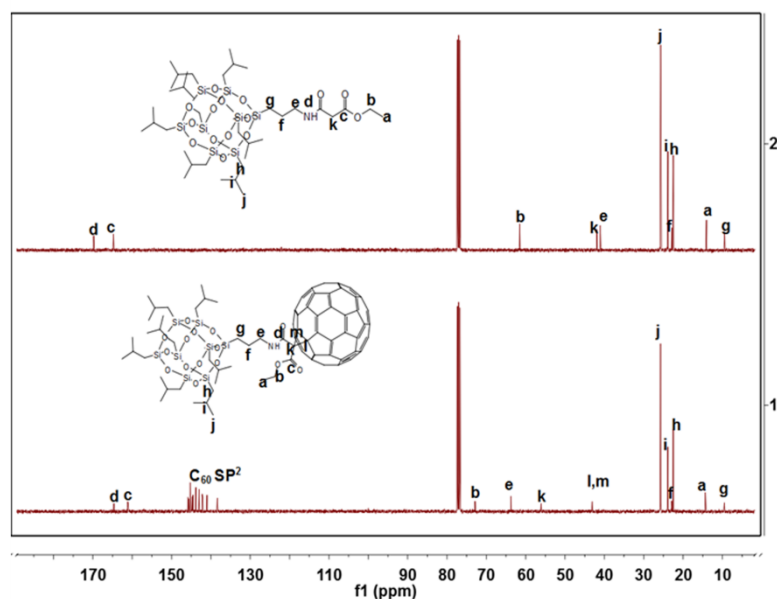


Figure S1. ¹³C NMR spectrum of BPOSS-MAL and POSS-C60

2. FT-IR spectrum of BPOSS-MAL and POSS-C60

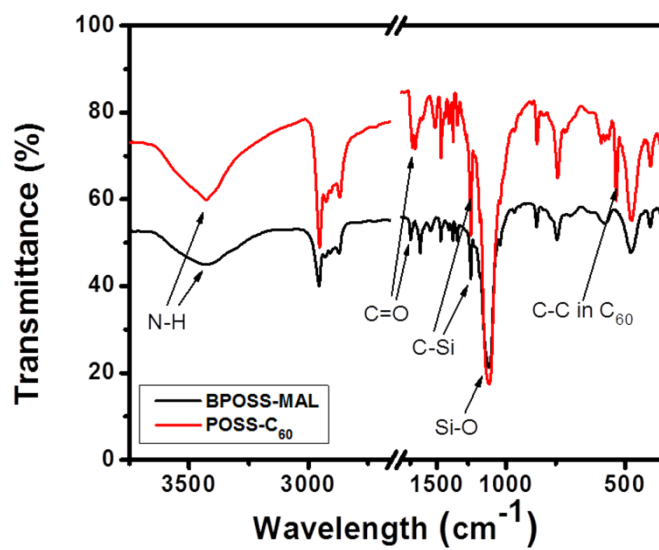


Figure S2. FT-IR spectrum of BPOSS-MAL and POSS-C₆₀